

Safety Data Sheet

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : PALBOND WL35W Makeup (PB-WL35WM)

Manufacturer's Name: Nihon Parkerizing (M) Sdn. Bhd.	Emergency Telephone No.: 03-33410227,33410085,33410091
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Address: No. 10, Jalan Keluli 2, Kawasan Perindustrian Bukit Raja, 41050 Klang, Selangor.	Email: razi@nihonparker.com norzila@nihonparker.com
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Description:	Date Revised : 29 July 2022
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SECTION 2 : HAZARD IDENTIFICATION

GHS Classification

Physical hazards:

Explosives	: Not applicable
Flammable gases	: Not applicable
Flammable aerosols	: Not applicable
Oxidizing gases	: Not applicable
Gases under pressure	: Not applicable
Flammable liquids	: Classification not possible
Flammable solids	: Not applicable
Self-reactive substances and mixtures	: Not applicable
Pyrophoric liquids	: Classification not possible
Pyrophoric solids	: Not applicable
Self-heating substances and mixtures	: Classification not possible
Substances and mixtures, which in contact with water emit flammable gasses	: Not applicable
Oxidizing liquids	: Classification not possible
Oxidizing solids	: Not applicable
Organic peroxides	: Not applicable
Corrosive to metals	: Classification not possible

Health hazard :

Acute toxicity – Oral	: Not classified
Acute toxicity – Dermal	: Not classified
Acute toxicity – Inhalation (Gases)	: Not applicable
Acute toxicity – Inhalation (Vapours)	: Not classified
Acute toxicity – Inhalation (Dusts, Mists)	: Not classified
Skin Corrosion / Irritation	: Category 1
Serious Eye Damage / Eye Irritation	: Category 1

Respiratory sensitization	: Category 1
Skin sensitization	: Category 1
Germ Cell Mutagenicity	: Not classified
Carcinogenicity	: Category 1
Reproductive toxicity	: Not classified
Specific target organ toxicity following (single exposure)	: Classification not possible
Specific target organ toxicity following (repeated exposure)	: Classification not possible
Aspiration toxicity	: Classification not possible

Environmental hazards:

Hazardous to the aquatic environment acute hazard	: Not classified
Hazardous to the aquatic environment chronic hazard	: Category 3

GHS label elements:**Pictogram****Signal word** : Danger**Hazard Statements:**

- H314 Causes severe skin burns and eye damage
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H317 May cause allergic skin reaction
- H350 May cause cancer
- H412 Harmful to aquatic life with long lasting effects

Precautionary Statements**Prevention:**

- P280 Wear protective gloves/protective clothing/eye protection/face protection
 - P260 Do not breathe dust/fume/gas/mist/vapors/spray
 - P264 Wash hands, face thoroughly after handling.
 - P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 - P285 In case of inadequate ventilation wear respiratory protection.
 - P272 Contaminated work clothing should not be allowed out of the workplace.
 - P201 Obtain special instructions before use.
 - P202 Do not handle until all safety precautions have been read and understood.
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P281 Use personal protective equipment as required.

Response:

Immediately call a POISON CENTER or doctor/physician.

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

If exposed or concerned: Get medical advice/attention

If skin irritation or rash occurs : Get medical advice/attention

If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If SWALLOWED: Rinse mouth. Do not induce vomiting.

If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If ON SKIN (OR HAIR): Wash with plenty of soap and water.

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

Collect spillage.

Storage:

Store locked up.

Disposal:

Dispose of contents/container through a licensed disposal agent in accordance with local/regional/national/international regulations (to be specified).

Hazard information which do not fall under GHS classification:

Hazard Statements:

May be harmful to human health by ingestion.

Precautionary Statements:

Prevention:

Do not eat, drink or smoke when using this product.

Wear mask, chemical-resistant gloves or protective clothing to avoid accidental ingestion, contact, and inhalation in accordance with regulation.

Response

No information

Storage:

Store it in a place where is decided.

Disposal:

No information

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Division of chemical substance/mixture : Mixture

Chemical name or generic name : PALBOND WL35W Makeup (PB-WL35WM)

Ingredient	CAS Number	Content (%)
Zinc dihydrogen phosphate	13598-37-3	10 ~ 20
Phosphoric acid	7664-38-2	1 ~ 10
Nickel nitrate	13138-45-9	1 ~ 10
Manganese dihydrogen phosphate	18718-07-5	1 ~ 10
Water	7732-18-5	-

SECTION 4 : FIRST AID MEASURES
Description of first aid measures:

INHALATION	<ul style="list-style-type: none"> - Remove victim to fresh air and keep at rest position comfortable for breathing. - May irritate a throat. Do not induce vomiting. - Call a POISON CENTER or doctor/physician.
SKIN	<ul style="list-style-type: none"> - Wash with plenty of soap and water. - Wash the victim's skin with running water or shower.. - Immediately call a POISON CENTER or doctor/physician. - Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
EYES	<ul style="list-style-type: none"> - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - Call a POISON CENTER or doctor/physician. Get medical advice/attention immediately.
INGESTION	<ul style="list-style-type: none"> - Corrosive, DO NOT INDUCE VOMITING. Rinse mouth. - If you feel unwell: Call a POISON CENTER or doctor/physician. Get medical advice/attention. - If the victim is vomiting, turn the head to the side so that the airways are not blocked.
PROTECTION FOR FIRST-AIDER	<ul style="list-style-type: none"> - Personal protective equipment described in Section 8: Exposure control/Personal protection. - Ventilated area, if gases, vapors, mists or dusts occurs.

SECTION 5 : FIRE FIGHTING MEASURES**Suitable Extinguishing Media:**

- This product is not combustible.

Specific Extinguishing Method:

- Remove combustible materials from fire area.
- Move container from fire areas if possible to do so without hazard.
- Cool down container and the surrounding area by water, if container can't be moved.

Protection For Fire-Fighters:

- Fight a fire from windward to avoid inhalation of vapors and combustion gases.
- In firefighting, wear proper protective equipment (fire fighter protective clothing, respiratory protection) to avoid inhale and contact with the chemical.

SECTION 6 : ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

- Wear protective equipment regulated in Section 8: Exposure Control and Personal Protection to avoid contact to eyes or skin and inhalant gases, dust and fumes.
- Set up off-limits area to prevent secondary disaster.
- Use local exhaust to avoid inhalant gases, mist, vapors or dust for indoor work.

Environmental Precautions:

- Acute toxic and toxic to aquatic life with long lasting effect. Do not drain the product or rinsing water to natural water system.
- In case of using waste water treatment equipment, call the administrator to avoid discharge the waste water involving the product.

Methods and Materials for Containment and Cleaning Up:

- Retrieve spilled material, using shovel or waste cotton
- Dike to contain spill in case of large spill.
- Retrieve spilled material, collect and store in suitable.
- Spilled materials and contaminated substances should be disposed as regulated.

Secondary Disaster Prevention Measures:

- Set-up off-limits area to prevent secondary disaster.
- Call the section relating safety, hygiene, environment, disaster prevention etc.
- Take proper measures.

Recovery, Neutralization and Disposal:

- Acidic substance. Use Soda ash, slaked lime to neutralize.
- Work carefully. In neutralization or dilution, heat may generate.
- In case of small spill, retrieve spilled material using absorbent such as sawdust, soil, sand, waste cotton.
- Dike to contain spill in case of large spill. After collect in suitable area, dispose as regulated.

SECTION 7 : HANDLING AND STORAGE**Technical Measures:**

- Use corrosion resistant material for equipment
- Take necessary steps to avoid contact and/or overexposure, for instant protective facilities, protective equipment regulated in Section 8: Exposure Control and Personal Protection.
- Handle in a well-ventilated place.

Local Ventilation/Total Ventilation:

- Take necessary ventilation regulated in Section 8: Exposure Control and Personal Protection.

Precautionary Statements:

- Wear suitable Protective Equipment, gloves and eye/face protection to avoid contact with skin, clothing or mucous membrane.
- Wash hand and faces after handling. Do not bring polluted protective equipment into the resting room.
- Do not handle this material if you have had allergic reaction in the past.
- Use local exhaust. Wear suitable protective equipment.
- Wear suitable protective equipment and handle in a well-ventilated place.

Safe Handling Instructions:

- Avoid release to the environment.
- Acidic substance. Avoid contact to alkaline substances.
- Avoid rough handling such as toppling, dropping, exposing shock, dragging.
- Call attention to workers about hazard information by posting SDS.

Avoid Contact Storage:

- Refer to incompatible materials shown in Section 10 : Stability and Reactivity

Suitable Condition:

- Store locked up
- In every use, keep container tightly closed.

Packing Material:

- Use product containers or a container having enough strength.

Incompatible Materials:

- Alkaline substances.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION
Protective equipment:

- Make available hand wash and face wash in work place. After handling, wash hands and face.
- Use local exhaust, push-pull ventilation system or general ventilation.
- In case that dust is included in exhaust gas, attach dust removal equipment to ventilation system.
- Use local exhaust, push- pull ventilation system or general ventilation to keep below specified level.

Occupational Exposure Limit (ACGIH):

Ingredient	TWA	STEL	Ceiling
Phosphoric acid	1mg/m ³	3mg/m ³	-
Nickel nitrate	0.1(Ni)mg/m ³	-	-
Manganese dihydrogen phosphate	0.2(Mn)mg/m ³	-	-

Occupational Exposure Limit (OSHA):

Ingredient	PEL	Ceiling
Phosphoric acid	1mg/m ³	-
Nickel nitrate	1(Ni)mg/m ³	-
Manganese dihydrogen phosphate	5(Mn)mg/m ³	-

Personal Protective Equipment
Respiratory Protection:

- Wear proper respiratory protection.

Hand Protection:

- Wear chemical resistant gloves.

Eye Protection:

- Use proper eye protection.
- If necessary, use chemical goggles or face shield.

Skin and Body Protection:

- Wear proper protective clothing such as to avoid direct skin contact.
- Wear chemical resistant protective clothing.

Appropriate Hygiene Measures:

- Obtain special instruction before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breath dust/fume/gas/mist/vapors/spray – if inhalable particles may occur during use.
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wash hands, face thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Furnish eye wash facilities, shower facilities, mouth wash instruments, and dressing room / laundry facilities.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical State : Liquid

Color : Green

Odour : No Information**pH** : 1**Melting Point/Freezing Point** : No Information**Initial Boiling Point and****Boiling Range** : No Information**Flash Point** : No Information**Auto-Ignition Temperature** : No Information**Upper/Lower Flammability****or Explosive Limits** : No Information**Vapour Pressure** : No Information**Vapour Density** : No Information**Evaporation Speed** : No Information**Specific Gravity(relative density)** : 1.4 (27°C)**Solubility in Water** : No Information**Dissolubility in Water** : Water Soluble Liquid**Solubility in Organic Solvent** : No Information**Dissolubility in Organic Solvent** : No Information**n-Octanol/Water****Partition Coefficient** : No Information**Decomposition Temperature** : No Information

SECTION 10 : STABILITY & REACTIVITY
Stability/Possibility of Hazardous Reaction:

Stable under normal conditions.

Condition to Avoid:

No Information.

Incompatibility Materials:

No Information

Hazardous decomposition product:

No Information

SECTION 11 : TOXICOLOGICAL INFORMATION
Acute toxicity studies:

Acute toxicity studies are shown as below:

Zinc dihydrogen phosphate	LD50(oral)	Rat	1990 mg/kg
Zinc dihydrogen phosphate	LD50(oral)	Mouse	1610 mg/kg
Phosphoric acid	LD50(oral)	Rat	1530 mg/kg
Phosphoric acid	LD50(oral)	Rat	1250 mg/kg
Phosphoric acid	LD50(dermal)	Rabbit	2740 mg/kg
Phosphoric acid	LC50(dusts & mists)	Rat	>0.85 mg/L(1h)
Nickel compound	LD50(oral)	Rat	1620 mg/kg

Health Hazard Category List 1 :

Ingredients	Skin Corrosion/Irritation	Serious Eye Damage/ Eye Irritating	Respiratory Sensitization	Skin Sensitization	Germ Cell Mutagenicity	Reproductive Toxicity
Zinc dihydrogen phosphate	X	X	X	X	X	X
Phosphoric acid	1	1	X	X	X	X
Nickel nitrate	X	X	1	1	-	X
Manganese dihydrogen phosphate	X	X	X	X	X	X
Water	X	X	X	X	X	X

Health Hazard Category List 2:

Ingredients	Specific Target Organ Toxicity-Single Exposure			Specific Target Organ Toxicity-Repeated Exposure		Aspiration Toxicity
	Category 1	Category 2	Category 3	Category 1	Category 2	
Zinc dihydrogen phosphate	X	X	X	X	X	X
Phosphoric acid			Respiratory Tract Irritation	X	X	X
Nickel nitrate	X	X	X	X	X	X
Manganese dihydrogen phosphate	X	X	X	X	X	X
Water	X	X	X	X	X	X

X : Classification not possible

- : Not classified

Carcinogenicity

Ingredient	GHS Classification	IARC	NTP	EPA 1986	EPA 1996	EPA 2005	ACGIH	EU Directive
Zinc dihydrogen phosphate	X							
Phosphoric acid	X							
Nickel nitrate	1A	1	K				A4	
Manganese dihydrogen phosphate	X							
Water	X							

SECTION 12 : ECOLOGICAL INFORMATION

Hazardous to the aquatic environment

Acute Toxicity

Nickel nitrate EC50(48h) Crustacea (Moina macrocopa) 1.435 mg/L

Ecotoxicity : No Information

Fish Toxicity : No Information

Effect on animal

and plants : No Information

Bioaccumulative

potential : No Information

Environmental Effect

Persistence and

degradability : No Information

Ozone Depleting

potential : No Information

Global Warming

potential : No Information

Mobility In Soil : No Information

Other Harmful

Effects : No Information

SECTION 13 : DISPOSAL CONSIDERATIONS

Residual Waste : Dispose of contents/container through a licensed disposal agent in accordance with local/regional/national/international regulations (to be specified)

Contaminated Container : Reuse containers after cleaning, dispose properly in accordance with related laws and local regulations.

and Contaminated Packaging Remove contents thoroughly from a container before disposal of it.

SECTION 14 : TRANSPORT INFORMATION

- Make sure no leak in the container. Load steadily to avoid load shifting such as falling, dropping and damaged.
- Follow the procedure specified in section 7 – Handling and Storage.
- Regulatory information with regard to the transportation of this substances is describe as below:
 - ❖ Land Transportation : Follow all regulations in the country or region.
 - ❖ Marine Transportation : Follow the procedure specified by IMDG CODE. Do not discharge into the sea area.

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- ❖ Air Transport : Follow the procedure specified by IATA
REGULATION.

SECTION 15 : REGULATORY INFORMATION

- Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

SECTION 16 : ADDITIONAL INFORMATION

Other Precautions:

For industrial use only.

USERS RESPONSIBILITY:

This product safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to ensure safe workplace operations. Please consult your local sales representative for any further information.

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